

**WHAT IS CLAIMED IS:**

1. A telescopic hoist comprising:

a series of telescopically arranged tubular sections, each section having a first end and an opposite second end; each said first end  
5 having an annular head;

sealing means on at least one of said first ends;

wherein said tubular sections are formed in a nitrided steel.

2. A telescopic hoist comprising:

10 a cylindrical housing;

a series of actuatable tubular sections telescopically received in said housing; each tubular section having a piston end; an inlet/outlet port in some of said first ends for passage of a pressure fluid therethrough;

15 seal means on at least one of said piston ends separating said fluid from ambient air; and

bore means in at least one of said tubular sections on a front side of said piston;

20 wherein said tubular sections are formed in a nitrided steel.

3. A telescopic hoist comprising:

a series of telescopically arranged tubular sections, each section having a first end and an opposite second end; each said first end  
25 having an annular head; and

sealing means mounted on at least one of said annular heads;

wherein said tubular sections are formed in a nitrided steel.

4. A telescopic hoist comprising:  
a cylindrical housing;

5 a series of actuatable tubular sections telescopically  
received in said housing; each said tubular section having a piston end; an  
inlet/outlet port in some of said first ends for passage of a pressure fluid  
therethrough;

10 seal means mounted in at least one of said piston ends  
separating said fluid from ambient air; and

bore means provided in some of said tubular sections on a  
front side of said piston ends;

15 wherein said tubular sections are formed in a nitrided steel so as to be in semi-  
lubricated contact with one another.